

Geometry 4.6 Assignment Answer Key

Isosceles, Equilateral, & Right triangles

2) Yes; HL

3) Yes; AAS

4) No

5) $x = 10$; $y = 15$

6) $x = y = 11$

7) $x = 11$; $y = 4$

8) Proof: There are various answers.

9) Proof: There are various answers.

10) Proof: There are various answers.

11) Proof: There are various answers.

12) Congruent

13) Congruent

14) Not congruent

15) (4, 4)

16) (1, -7)

17) (-2, 1)

18) $\left(-1\frac{1}{2}, -12\frac{1}{2}\right)$

19) $y = \frac{1}{3}x + \frac{2}{3}$

20) $y = \frac{9}{10}x - 16.5$

21) $y = -x$

22) $y = -\frac{5}{2}x - 3.5$